What is claimed is:

1. A method of building a native XML object database, comprising steps of: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

2. The method according to claim 1, wherein the API creating step further comprises the step of creating a pair of dynamic accessor and mutator for each column of said data table.

3. The method according to claim 1, wherein the XML file creating step further comprises the step of creating files and directories that map the relationships of data tables.

4. A system for building a native XML object database, comprising means for: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

5. The system according to claim 4, wherein the means for creating API further comprises means for creating a pair of dynamic accessor and mutator for each column of said data table.

6. The system according to claim 4 further comprises means for creating files and directories that map the relationships of data tables.

7. A computer program product for building a native XML object database, the computer program product embodied on one or more computer-readable media and comprising computer-readable program code means for: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

8. The computer program product according to claim 7, wherein the means for creating API further comprises means for creating a pair of dynamic accessor and mutator for each column of said data table.

9. The computer program product according to claim 7 further comprises means for creating files and directories that map the relationships of data tables.

Table of Response

Office Action Summary from PTO	gMorpher Response	New Claim Number
Page 1, 2	Received no instruction or form to sign the oath or declaration.	——
Page 2		
-- Claims 3, 4, 8	Reworded.	1, 3
-- Claims 13, 14	Dropped as they are about benefits of the invention.	-----
-- Claim 17, 18	Error in Program Listing Deposit: 'Claims 10, 11' should be 'Claims 15, 16, 17'; 'Claims 10, 12' should be 'Claims 15, 18'. These two claims are dropped as they are overlapping with newly structured claims.	-----
Page 3		
Claims 4, 11, 12	One instance of data from object database perspective is a row in a data table from relational database perspective. Reworded to row of data table. Claims 11 and 12 are dropped.	1
Claims 1-18	Reworded. Creating API and XML files are performing physical transformations.	1, 2, 3, 4, 5, 6, 7, 8, 9
Pages 4, 5 Chau et al		
Claim 1	Made it more specific.	1
Claim 2	Dropped	-----
Claim 3	Claim 3 is about navigating among groups of XML files while XPath is about navigating within one XML file.	3
Claim 4	One instance of data from object database perspective is a row in a data table from relational database perspective. Reworded to row of data table.	1
Claim 5	Dropped.	-----
Claim 6	The API is dynamic, i.e., it varies with column/field name. DOM API is static as one API fits all column names. Existing object database API is also static. For instance, a user wants to retrieve an account number. The present invention will say getAccountNumber(); DOM API getElementsByTagName(accountNumber); object database getPropertyValue(accountNumber). Practically, the present invention uses DOM API at the core and wraps around DOM with dynamic API.	2
Claim 7	Dropped.	-----
Claim 8	Dropped as overlapping with newly structured claims.	-----
Claims 9, 15	Made it more specific.	4, 7
Claim 16	The API is dynamic, i.e., it varies with column/field name. DOM API is static as one API fits all column names. Existing object database API is also static. For instance, a user wants to retrieve an account number. The present invention will say getAccountNumber(); DOM API getElementsByTagName(accountNumber); object database getPropertyValue(accountNumber). Practically, the present invention uses DOM API at the core and wraps around DOM with dynamic API.	8
Claims 17, 18	Dropped	-----
Page 6		
Claims 10-14	Dropped as they are about benefits of the invention.	-----